

REMARKS

Applicant respectfully requests reconsideration of the present application in view of the foregoing amendments and in view of the reasons that follow.

Claims 1-5 and 10-15 are currently being amended.

This amendment adds, changes and/or deletes claims in this application. A detailed listing of all claims that are, or were, in the application, irrespective of whether the claim(s) remain under examination in the application, is presented, with an appropriate defined status identifier.

After amending the claims as set forth above, claims 1-21 are now pending in this application, with claims 6-9 and 16-21 withdrawn.

The Current Claims Are Patentable

The office action rejected claims 1, 10 and 12-15 under 35 U.S.C. § 102(e) over U.S. Pat. No. 6,437,823 (“Zhang”) and claims 2-5 and 11 under 35 U.S.C. § 103(a) over Zhang. Applicants respectfully request reconsideration based on the foregoing amendments and the following remarks.

Non-withdrawn independent claims 1, 13, 14 and 15 have been amended to recite the use of two sets of marks during the calibration process, with a first set of marks being more easily recognizable than the second set of marks, and the use of at least three different photographic angles that are set using the first marks. This subject matter is disclosed at least in paragraphs [0058] and [0061] and paragraphs [0067] through [0070] (Figs. 6(A)-(H)) and paragraph [0073] of the original application.

Zhang, however, discloses only a system for calibrating internal parameters of digital cameras. Zhang does not teach that any particular pattern be used for each of the captured images, but rather teaches only that the coordinates of a number of feature points on the pattern plane should be known. Zhang does not teach the use of two sets of marks and the relationship of recognizability between them, or that sufficient photographic angles be used to generate a stereo pair using the first marks, while using the second marks to carry out a precise measurement.

Applicants therefore respectfully request reconsideration of the application and withdrawal of the rejections.

Other Amendments

Additional amendments are made to remove minor informalities and to place the claims in accordance with traditional U.S. practice. These amendments are not related to any requirement of patentability.

Applicant believes that the present application is now in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check or credit card payment form being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

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By



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